TAIL ROTOR AND LINKAGE REPLACEMENT

If your tail rotor or linkages are broken or fall off, they are easy to repair. Review the illustrations below.

TAIL ROTOR REPLACEMENT

CAUTION: The tail rotor is only to be replaced by an adult.

1. Carefully remove broken tail rotor.
2. Lightly press tail rotor onto motor shaft, DO NOT FORCE. Leave a 1/16 in. (1.5 mm) gap.

LINKAGE REPLACEMENT

CAUTION: The linkages are only to be replaced by an adult.

1. Carefully remove broken linkage.
2. Snap linkage into place, DO NOT BEND.

TROUBLESHOOTING

ELECTRIC MOTOR DOES NOT RUN OR LOW POWER

TX and/or helicopter switch not turned **ON**	Turn switch **ON**.
Helicopter is not charged	Charge helicopter.
Helicopter turned off after one minute of no use	Press helicopter **ON** button.
Batteries in charger need replacement	Replace batteries in charger.
Debris stuck in rotor blade	Check and clean.
M.A.S.C. still in charge mode	Turn switch **OFF** then **ON** again.

ROTOR BLADES DO NOT MOVE WHEN TRIGGER IS PULLED

Helicopter is not charged	Charge helicopter.
Helicopter turned off after one minute of no use	Press helicopter **ON** button.
Batteries in charger need replacement	Replace batteries in charger.
M.A.S.C. still in charge mode	Turn switch **OFF** then **ON** again.

SHORT FLIGHT TIME

Helicopter not fully charged	Charge helicopter.

ERRATIC, LITTLE OR NO CONTROL SIGNAL

Too much direct sunlight affecting signal	Close windows/blinds.
Some fluorescent lights can interfere with the signal	Turn off fluorescent lights.
Other remote control signals operating near by	Move to a new location or stop using TV remote.

90 DAY LIMITED WARRANTY

Do not return your plane to the store. Estes will repair or replace factory defects for 90 days from the date of purchase. This warranty specifically does not cover crash damage or abuse.

For fast courteous service, if you find a defect or a part is missing, please contact Estes Customer Service at ***www.estesrockets.com*** or call **1-800-525-7561.**

Obtain a Return Merchandise Authorization (RMA) number from Estes Customer Service before returning a defective part or product. Any part or product returned to Estes without a RMA number clearly marked on the shipping label will not be accepted. Send only the defective part(s). There may be additional charges if you send more than is necessary. **Ship returns to: Estes-Cox Corp., 1295 H St, PO Box 227, Penrose, CO 81240-0227.**

This warranty applies only if the product is operated in compliance with instructions and warnings provided with each model. Estes-Cox assumes no liability except for the exclusive remedy of repair or replacement of parts as specified above. Estes shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of incidental or consequential damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

If you've enjoyed flying the Micro-Tiger™, view our COX Hobby Products line at www.coxmodels.com for more advanced flying opportunities!

F4U Corsair® R/C Airplane RTF Set

Cox Item# 006300

Corsair is a licensed Trademark of Northrop Grumman

PN 64908 (4-08)

www.estesrockets.com
ESTES-COX CORP.
1295 H Street, PO Box 227
Penrose, CO 81240-0227
PRINTED IN CHINA

⚠WARNING:
Choking/Cutting Hazard-small parts, sharp propeller. Not for children under 8 yrs.

MICRO-TIGER™

DIGITAL PROPORTIONAL R/C HELICOPTER

KEEP FOR FUTURE REFERENCE

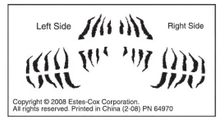
BEGINNER AGES 10+ WINGS® M.A.S.C.™

#4404
Patent Pending

ITEMS INCLUDED

MICRO-TIGER™ HELICOPTER

CONTROLLER/CHARGER
PN (063850)



SELF-STICK DECAL SHEET
PN (064970)

INSTRUCTIONS
PN (064908)

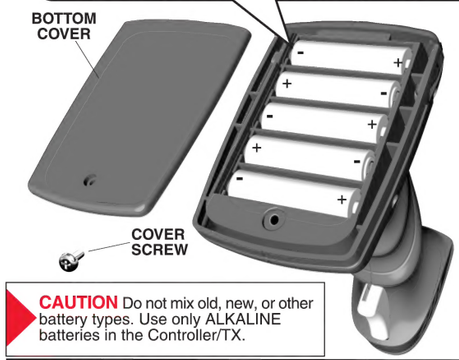
SPARE TAIL ROTOR / LINKAGES
PN (065121)

SPARE PARTS: Call Estes Customer Service at 1-800-525-7561 Monday – Friday, 8:00am – 4:00pm Mountain Standard Time or order parts online at www.estesrockets.com, click on Replacement Parts.

CONTROLLER/TRANSMITTER (TX) WITH BUILT-IN CHARGER

(Requires 5 - AA Alkaline Batteries - Sold Separately)

Remove screw and bottom battery cover. Insert 5 new AA Alkaline batteries in the correct polarity into TX. Replace bottom cover and screw.



CAUTION Do not mix old, new, or other battery types. Use only ALKALINE batteries in the Controller/TX.

Switch **ON** for flying and charging; **OFF** for power off.

Power LED (Red)

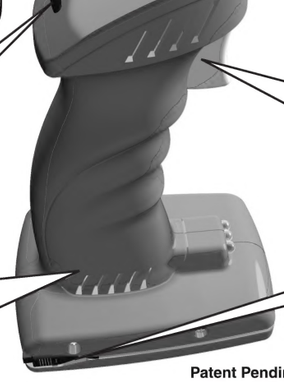
Charge LED (Green)

Trim Wheel

Speed Control Trigger (throttle) *see* **Speed Control** *(page 3) before flying.*

Turn Control *see* **M.A.S.C.™** *(page 3) before flying.*

Charge Cord



Patent Pending

IMPORTANT USER INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy. If not used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the device on and off, the user is encouraged to try to correct the interference by one or more of the following measures:
• Increase the separation between the device and receiver.
• Consult Estes-Cox Corporation for help.

Caution: Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

⚠WARNING: TO AVOID INJURY AND PROPERTY DAMAGE:

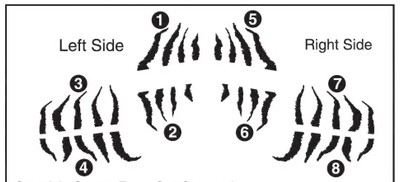
ROTOR BLADE SAFETY:
- Keep your face, fingers, clothing and other objects away from the rotor blades at all times.
- Keep spectators behind and away from helicopter at all times.
- Before each flight, make certain rotor blades are securely attached to your helicopter.
- After each flight, inspect the rotor blades for nicks and breaks.
- Discard and replace nicked, chipped, cracked or broken rotor blades.
- Use only the rotor blades supplied with the helicopter.
- Do not alter, modify or customize the rotor blades.

BATTERY AND CHARGING SAFETY:

This helicopter contains 1 non-removable, non-replaceable 3.7 Volt Lithium Polymer (Li-Po) battery. ***Li-Po batteries are easily damaged and may cause fire or explode.*** *To prevent injury to the battery or you, please read the following precautions.*
- Use only the transmitter/charger supplied to charge the helicopter.
- Do not reverse polarity while plugging into charger.
- Do not leave helicopter unattended while charging.
- Never leave or store helicopter connected to transmitter/charger.
- If helicopter's internal battery becomes hot, smells, makes a sound, or leaks fluid, disconnect from charger and do not use.
- An adult must be present during charging.
- DO NOT USE if battery fluid gets on skin, rinse well with water.
- Do not incinerate helicopter or its battery.
- Do not short-circuit.
- Keep away from small children.
- Charge, discharge (use) and store at temperatures above freezing and below 113 F (45 C).
- Do not store near flame or sources of heat such as inside a hot car.
- Should the helicopter's battery become damaged, deformed, or punctured, do not use the helicopter.
- Protect the helicopter from getting wet.
- Charge in a fire-proof location away from combustibles.

DECAL APPLICATION

Please refer to the included self-stick decals and images below to determine the location of the decals. DO NOT grab or bend the rotor blades!



CHARGING THE HELICOPTER

Your helicopter contains 1 non removable 3.7 Volt Lithium-Polymer (Li-Po) battery. **CHARGE TIME APPROX. 30 MINUTES. NEVER CHARGE MORE THAN 45 MINUTES.**

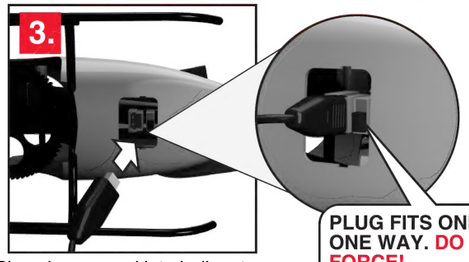
1.

Turn switch **ON**, Red LED turns **ON**.

2.

Unsnap charge cord.

3.



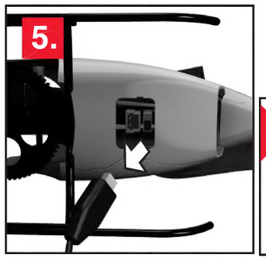
Plug charge cord into helicopter.

PLUG FITS ONLY ONE WAY. DO NOT FORCE!

4.

Green LED turns **ON** during charge. **BLINKS** when charge complete.

5.



Remove charge cord.

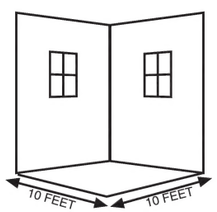
NOTE: Never leave or store helicopter connected to charger.

6.

Turn TX **OFF.**

NOTE: To fly helicopter after charging, TX must be turned **OFF** then **ON** again.

FLYING INDOORS



10 FEET x 10 FEET (3m x 3m) MINIMUM ROOM SIZE

MICRO-TIGER™ Remote Control Helicopter is for flying INDOORS only! To avoid losing control and causing damage to your HELICOPTER, DO NOT fly outside.

CAUTION: DO NOT fly in a room with a ceiling fan!

DO NOT fly outside! Avoid direct sunlight!

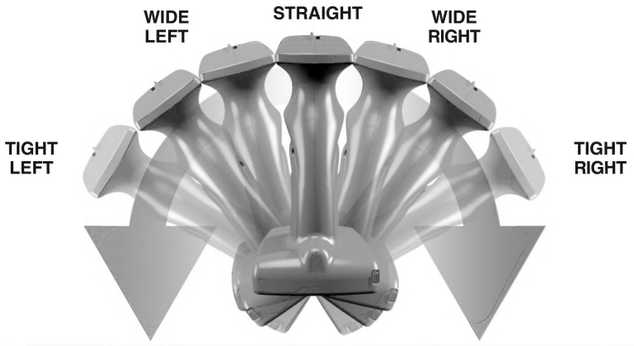
Turn air conditioning off or to low. Strong AC current will interfere with flight performance.

NOTE: ALWAYS aim your M.A.S.C.™ Controller directly at the MICRO-TIGER™ to control flight.

NOTE: Some fluorescent lighting will cause interference with flight performance.

MOTION AUTO SENSING CONTROL

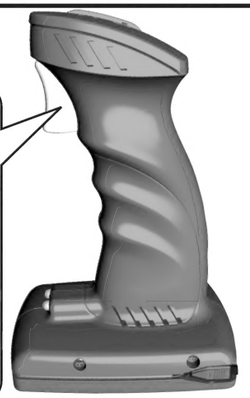
Tilt the controller left and right to steer the helicopter during flight. The Micro-Tiger™ is very sensitive, use very little movement to turn the helicopter! The more you tilt the controller the tighter the turns will be.



SPEED CONTROL

Your Micro-Tiger™ has 16 motor control speeds. You will hear the increase in speed, a higher pitch, the more you pull the trigger.

ALWAYS begin each flight holding the throttle half way in. DO NOT start on the highest speed!



Patent Pending

FLYING YOUR HELICOPTER

PRE-FLIGHT OPERATION CHECK
1. Check rotor blades to make sure they are clear from debris.
2. With a fully charged Micro-Tiger™, switch controller to **ON** position.
3. Clear hands from rotor blades. Press the button on the helicopter to turn it **ON,** Blue LED will flash.
4. Lightly pull the throttle to check proper rotor blade functionality.

NOTE: The helicopter will turn itself **OFF** if the TX is **OFF**, or after one minute of no use.

TAKE OFF

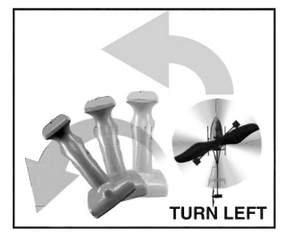
- It is best to launch the helicopter by hand.
- Hold on to the landing gear of the helicopter with your fingers while pulling the throttle trigger in half way.
- This will cause the rotor blades to start spinning at a speed necessary for flight.
- Once the blades are spinning, let the helicopter go and it should fly out of your hand.
- Do not throw or launch the helicopter, just release it.

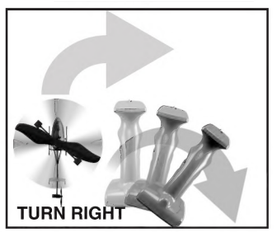
THROTTLE CONTROL

- Mastering control over the throttle is the key to flying this helicopter.
- Pulling the trigger in too much will cause the helicopter to climb too fast and pulling it in too little will cause the helicopter to sink out of the air.
- The pilot must be sensitive to what the helicopter is doing in terms of climbing or sinking and adjust the throttle accordingly throughout the flight.
- Once throttle control is mastered, flying the helicopter is simple.

TURNING

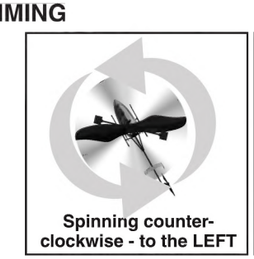
When trying to figure out which way to tilt the M.A.S.C.™ Controller in order to rotate the helicopter or stop it from spinning, remember that you are **flying the nose** of the helicopter.
TURN RIGHT: If you want the helicopter to rotate clockwise (turn the nose to the right) you need to tilt the M.A.S.C.™ Controller to the right.
TURN LEFT: If you want the helicopter to rotate counterclockwise (turn the nose to the left) you need to tilt the M.A.S.C.™ Controller to the left.



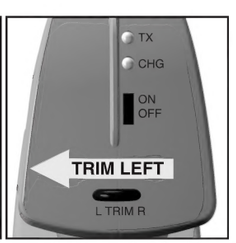


NOTE: Remember the Micro-Tiger™ is very sensitive! Very little tilt is required to turn the helicopter.

TRIMMING



To stop the helicopter from spinning counterclockwise (turning left) you need to turn the trim wheel to the right.



To stop the helicopter from spinning clockwise (turning right) you need to turn the trim wheel to the left.

NOTE: You can use the trim wheel to stop a rotation or alternatively you can also use the trim wheel to put the helicopter into a steady turn or fly in a stable circle even when the controller is in center position (held vertically).